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State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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0070

October 8, 1992

Mr. Vernal Mortensen
Utah Fuel Company
P. O. Box 719
Helper, Utah 84526

Vernal
Dear Mr. Mortensen:

Re: Division Order 92E, Utah Fuel Company, Skyline Mine, ACT/007/005, Folder #3,
Carbon County, Utah

The Division conducted a routine inspection of the Skyline Mine on September 23, 1992. During the course of that inspection, it was determined that your Mining and Reclamation Plan does not adequately address drainage control at the Scofield Waste Rock Site. A Division Order has been enclosed which will require that Utah Fuel Company submit an application for permit change to correct this problem.

Please review the Division Order, noting the requirements, and submit the required permit changes by the specified due date. If you have questions regarding these Orders, please contact myself, Daron Haddock, or Priscilla Burton.

Best regards,

Dianne R. Nielson
Director

Enclosures

cc: D. Haddock
L. Braxton
P. Burton
DIVOR92E.SKY

**STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING**

PERMITTEE

**Vernal Mortensen
Utah Fuel Company
P. O. Box 719
Helper, Utah 84526**

**Permit Number ACT/007/005
Division Order #DO 92-E**

**DIVISION ORDER AND FINDINGS
of
PERMIT DEFICIENCY**

PURSUANT to R645-303-212, the DIVISION ORDERS the PERMITTEE, Utah Fuel Company, to make the permit changes enumerated in the findings of permit deficiency in order to be in compliance with the State Coal Program. These findings of permit deficiency are to be remedied in accordance with R645-303-220.

FINDINGS OF PERMIT DEFICIENCY

At the Scofield Waste Rock Site (see Maps 3.2.8-1 and 3.2.8-2), undisturbed diversion channel DU5 above the waste rock site is designed for the 100 yr/24 hr event. Water flowing through this channel passes over swale SW-10 before entering undisturbed diversion ditch 2 (UDD2).

The UDD2 design is discussed on page 4-109 of the MRP and two designs are found in Section 14, Volume 5, of the MRP for UDD2. The first, on page 18/26, is for the 10 yr/24 hr event. The second, on page 19/26, is for the 100 yr/24 hr event. Presently the ditch configuration of UDD2 approximates the design for the 10 yr/24 hr event.

Regulations Citation:

R645-301-741
R645-301-742.323
R645-301-746.212
R645-301-742.300
R645-301-742.100

R645-301-742.323 and R645-301-746.212 require that a permanent diversion of an intermittent stream draining areas above a refuse pile be designed for the 100 yr/6 hr precipitation event. In designing the ditch for the 100 yr/6 hr event, site specific curve numbers related to the soils of the hydrologic basin must be utilized according to R645-301-741. Consideration for slope stability above the ditch must also be addressed in accordance with R645-301-742.300; R645-301-742.100 et seq; and R645-301-742.300.

The Permittee must update Section 14 of Volume 5 of the MRP with a design for UDD2 at the Scofield Waste Rock Site, utilizing site specific information to size UDD2 for the 100 yr/6 hr event.

ORDER

It is hereby ordered that Utah Fuel Company make the requisite permit changes in accordance with R645-303-220 and submit a complete application for permit change, addressing the findings of permit deficiency by no later than November 9, 1992. Approval by the Division of Oil, Gas, and Mining must be obtained within 60 days of the date of this Order. Approvals not obtained within 60 days of the date of this Order will result in enforcement action by the Division.

Ordered this 8th day of October, 1992, by the Division of Oil, Gas, and Mining.

Jamelle P. Brighton
for

Dianne R. Nielson, Director
Division of Oil, Gas and Mining

cc: Tom Mitchell
Joe Helfrich
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